Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 20 May 2021 until 23:59 on Friday 21 May 2021

Forecast Issued on Wednesday 19 May 2021 at 15:00

Confidence: High for low pressure to bring spells of wet and windy weather through Thursday and Friday and again on Sunday and Monday. Lower for the depth and track of the lows, hence for wind speeds and directions.

Headline for Thursday 20 May 2021: Strong to gale force winds and outbreaks of rain spreading from the west.

Mountain weather hazards on Thursday 20 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Sunny intervals	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
<05%	<05%	<05%	20%	70%	80%	80%	70%

Forecast for Thursday 20 May 2021

Weather: Dry through the early hours, but with medium and high cloud thickening from the west by morning. Cloud thickening and lowering with rain by late morning. Rain continuing through the rest of the day and into the evening, heavy at times, and with a low risk of thunder in the evening.

Chance of cloud free mountain/hill tops above 600m: 90%, becoming 30%.

Visibility: A few mist patches possible around dawn, otherwise good or very good, becoming moderate or poor at times in rain, with areas of cloud 500-600m from mid-morning, lowering to 400m at times in the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 20 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/14 SW	8/11 S	9/14 SE	16/23 S	20/30 SE	21/30 SE	21/33 S	21/31 S	19/29 S
300	2/7 S	2/7 SE	3/11 SE	13/24 S	15/31 SE	14/30 SE	14/31 S	13/28 S	13/27 S
Valley	2/5 SE	3/8 E	5/11 SE	11/22 SE	13/28 SE	15/32 SE	13/31 S	14/31 S	13/29 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/2	5/2	6/2	4/-1	6/1	6/2	5/0	5/0
300	3/2	4/3	7/5	9/6	7/3	8/5	9/6	8/4	7/4
Valley	6/5	7/6	8/7	10/8	8/5	10/7	10/7	9/6	8/5
Freezing Level*	1300m	1300m	1200m	1200m	1200m	1600m	1500m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some heavy rain at times, and combined with strengthening winds will bring increasingly difficult conditions on the hills. Winds may be 10mph stronger than shown at 600m at times across highest peaks.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 May 2021	0.4mm	5.2mm	15.6mm

Forecast for Friday 21 May 2021

Weather: Cloudy with showers or more prolonged outbreaks of rain through the early hours and during Friday. Some heavy and perhaps thundery bursts likely, but rain tending to ease a little through the evening.

Maximum wind: SE 20 gust 30mph, becoming NE by evening.

Chance of cloud free mountain/hill tops above 600m: 30%.

Visibility: Good, becoming moderate occasionally poor in showers or outbreaks of rain, with areas of cloud 400-600m.

Temperature: **Valleys:** PS 08 C becoming PS 11 C
At 600m: PS 06 C
Freezing level: Above the summits

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